

if the unit IDs are identical, finding a vacant communication channel and assigning this vacant communication channel to the slave telephone set;

B3 in response to the assignment of communication channel, checking whether that communication channel is vacant and, if it is vacant, transmitting a confirmation signal by the slave telephone set; and

in response to receipt of the confirmation signal from the slave unit, executing operation of line connection to the public telephone network by the master telephone set.

7. The radio telephone system according to claim 6, wherein when a second telephone set is hooked off to make a telephone call while the first telephone set is in communication, a line connection request and the unit ID are transmitted on the control channel to the unit ID; and the line connection like for the first telephone set is executed to obtain connection between the second telephone set and the public telephone network line.

B4
S4B
C14
10. A radio telephone communications method, in which a plurality of slave telephone sets is connected to a public telephone network through radio communication with a master telephone set and a plurality of unit IDs are preliminarily registered in each of the slave telephone sets, and the plurality of unit IDs are also registered in a plurality of master telephone sets, the system including:

responsive to arrival of a telephone call, informing the call arrival to the slave telephone set and transmitting its unit ID by the master telephone set;

checking whether the two unit IDs are identical and selecting one of the plurality of unit IDs registered if they are identical and transmitting the selected unit ID to the master telephone set by the slave telephone set;

34 finding a vacant communication channel for communication and informing the found communication channel to the slave telephone set by the master telephone set;

543
C14 checking whether the received communication channel is vacant and if it is vacant, transmitting a confirmation signal by the slave telephone set; and

sending out via the communication channel an instruction to ring the bell to the slave telephone set when state ready for communication is brought about.

Please add the following new claims:

35 12. (New) A radio telephone system, in which a plurality of slave telephone sets is connected to a public telephone network through radio communication with a master telephone set, the system comprising:

a plurality of slave telephone sets, each slave telephone set with a plurality of unit IDs preliminarily registered;

a master telephone set with the plurality of unit IDs also registered in the master telephone set;

means for transmitting a line connection request signal and selected unit ID among the preliminarily registered unit IDs on a control channel to the master telephone set, in response to hooked off of a first telephone set connected to the slave telephone set to make a telephone call;

means for checking by the master telephone set whether the received unit ID is of the master telephone set's slave telephone, in response to receipt of the line connection request and the unit ID;

BS means for finding a vacant communication channel and assigning this vacant communication channel to the slave telephone set, if the unit ID is of the master telephone's slave telephone;

means for checking whether the assigned communication channel is vacant and, if it is vacant, transmitting a confirmation signal by the slave telephone set, in response to the assignment of communication channel; and

means for executing operation of line connection to the public telephone network by the master telephone set, in response to receipt of the confirmation signal from the slave unit.
